

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 07 AUG 2001

WIPO

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Applicant's or agent's file reference PUR010316PCT	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/US00/12523	International filing date (day/month/year) 08 MAY 2000	Priority date (day/month/year) 10 MAY 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): B67D 5/56; B01D 3/02, 35/143 and US Cl.: 222/113, 146.2; 210/180, 742, 416.3		
Applicant PURE WATER, INC.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of <u>3</u> sheets. <input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of <u>2</u> sheets.
3. This report contains indications relating to the following items:  I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step or industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application

Date of submission of the demand  07 DECEMBER 2000	Date of completion of this report  28 JUNE 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer  KEVIN SHAVER <i>Diane Smith for</i>
Facsimile No. (703) 305-3230	Telephone No. (703) 308-2582

**I. Basis of the report****1. With regard to the elements of the international application:\***

- ☒ the international application as originally filed  
☒ the description.  
pages: 1-19 , as originally filed  
pages: NONE , filed with the demand  
pages: NONE , filed with the letter of \_\_\_\_\_
- ☒ the claims:  
pages: 20-25 , as originally filed  
pages: NONE , as amended (together with any statement) under Article 19  
pages: NONE , filed with the demand  
pages: NONE , filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
pages: 1-8 , as originally filed  
pages: NONE , filed with the demand  
pages: NONE , filed with the letter of \_\_\_\_\_
- ☒ the sequence listing part of the description. NONE , as originally filed  
pages: NONE , filed with the demand  
pages: NONE , filed with the letter of \_\_\_\_\_

**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).  
☐ the language of publication of the international application (under Rule 48.3(b)).  
☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international**

- ☐ contained in the international application in printed form.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority in written form.  
☐ furnished subsequently to this Authority in computer readable form.  
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☒ The amendments have resulted in the cancellation of:**

- ☒ the description, pages: NONE  
☒ the claims, Nos. NONE  
☒ the drawings, sheets/fig NONE

**5. ☐ This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c))."**

**\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).**

**\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/12523

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)	Claims	<u>7-11,17-20,23-49</u>	YES
	Claims	<u>1-6,12-16,21-22</u>	NO
Inventive Step (IS)	Claims	<u>NONE</u>	YES
	Claims	<u>1-49</u>	NO
Industrial Applicability (IA)	Claims	<u>1-49</u>	YES
	Claims	<u>NONE</u>	NO

**2. citations and explanations (Rule 70.7)**

Claims 1-6,12-16 and 21-22 lack novelty under PCT Article 33(2) as being anticipated by Burrows.

Burrows discloses a device for supplying water having at least one dispensing nozzle 18, a housing 16, a display shown in figure 1 and a water treatment module 22.

Claims 7-11, 17-20, 23-49 lack an inventive step under PCT Article 33(3) as being obvious over Burrows. Burrows discloses the device substantially as claimed as described above. Burrows lacks the details of the display to convey a method of advertising. It is known in the art to provide differing visual displays for an advertising purpose in the area to be seen by a consumer. Burrows also lacks a boiling and condensing mechanism to purify the water. The reverse osmosis unit of Burrows is an art recognized equivalent mechanism for treating water and it would have been obvious to one of ordinary skill in the art to substitute one for the other.

----- NEW CITATIONS -----

US 4,880,535 A (BURROWS) 14 NOVEMBER 1989, SEE ENTIRE PATENT.

*FOR THE PURPOSES OF INFORMATION ONLY*

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
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CZ	Czech Republic	LI	Liechtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						

## INTERNATIONAL SEARCH REPORT

 International application No.  
 PCT/US00/12523

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B67D 5/56; B01D 3/02, 35/143

US CL : 222/113, 146.2; 210/180, 742, 416.3

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 222/113, 146.2; 210/180, 742, 416.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P ----	US 5,927,553 A (FORD) 27 JULY 1999, SEE FIGURES 1-11.	1-12 ----
A,P		13-22
X	US 4,696,718 A (LASATER) 29 SEPTEMBER 1987, SEE FIGURES 1-4.	37-49
A	US 5,068,030 A (CHEN) 26 NOVEMBER 1991, SEE FIGURES 1-6.	1-49
A	US 5,266,170 A (WEBER ET AL.) 30 NOVEMBER 1993, SEE FIGURES 1-36.	1-49

☐ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*Z* document member of the same patent family
*O* document referring to an oral disclosure, use, exhibition or other means	
*P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

09 AUGUST 2000

Date of mailing of the international search report

07 SEP 2000

 Name and mailing address of the ISA/US  
 Commissioner of Patents and Trademarks  
 Box PCT  
 Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

KEVIN SHAVER

Telephone No. (703) 308-0861

## PATENT COOPERATION TREATY

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## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
 US Department of Commerce  
 United States Patent and Trademark  
 Office, PCT  
 2011 South Clark Place Room  
 CP2/5C24  
 Arlington, VA 22202  
 ETATS-UNIS D'AMERIQUE  
 in its capacity as elected Office

<b>Date of mailing (day/month/year)</b> 28 February 2001 (28.02.01)	
<b>International application No.</b> PCT/US00/12523	<b>Applicant's or agent's file reference</b> PUR010316PCT
<b>International filing date (day/month/year)</b> 08 May 2000 (08.05.00)	<b>Priority date (day/month/year)</b> 10 May 1999 (10.05.99)
<b>Applicant</b> MEDER, Athol, E. et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:  
 07 December 2000 (07.12.00)

☐ in a notice effecting later election filed with the International Bureau on:  
 \_\_\_\_\_

2. The election ☒ was  
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer F. Baechler Telephone No.: (41-22) 338.83.38
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